

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	6434392	location or area or place or coordinate or position\$3 or region or zone or kiosk	EPO; JPO; DERWENT	OR	ON	2008/01/18 14:34
L2	182403	(wireless or (wire adj less) or rf or ir or irda or cableless or (cable adj (less or free)) or cordless or untethered or infrared or microwave or radar or (radio adj waves) or (remote adj control) or IRLAP or IRLMP or (infra adj red) or (low3 adj frequenc\$3) or (long adj (wavelength or (wave adj length) )) or uwb or ultrawideband or ("802" adj "11") or "ieee802.11" or "ieee 802.11") near3 (device or node or hardware or apparatus or apparatuses or appliance or machine or component or product or unit or module or peripheral or pda or printer or cellphone or wifi or ((wi or wireless) adj (fi or fidelity)) or bluetooth or scanner or mouse or keyboard or (m adj commerce) or equipment or copier or fax or facsimile or telefacsimile or desktop or (desk adj top) or workstation or pc or (personal adj computer) or laptop or notebook or subnotebook or (work adj station) or ((lap or palm or desk) adj (top or pilot or VII)) or (palm adj pilot) or palmpilot or palmtop or ((portable or tiny or pocket or cell or cellular or cordless or radio or mobile or finger or smart) adj (phone or telephone or pager or terminal or phone or fone)) or newton or razor or blackberry or (black adj (berry or berries)) or blackberries or wap or (blue adj tooth) or mobilephone or cmr or ipod or (portable adj (media or digital adj audio or mp3 or (mp adj "3")) adj player) or itunes or ((personal or private or portable) near2 (digital or data or information or assistant or organizer or device or access)) or cellphone or mobilephone or handheld or (hand adj held) or PHS or PCS or smartphone or visor or handspring or hdml or Rio or mice)	EPO; JPO; DERWENT	OR	ON	2008/01/18 14:34

## EAST Search History

L3	638245	network or hiperlan or lan or wlan	EPO; JPO; DERWENT	OR	ON	2008/01/18 14:34
L4	16885	(display\$3 or show\$3 or visual\$3 or render\$3 or view\$4 or exhibit\$3 or present\$3 or perspective or dimension\$2 or angle or orientation or interstitial or map or mapping or mapped) near5 L2	EPO; JPO; DERWENT	OR	ON	2008/01/18 14:34
L5	1147	L1 and L2 and L3 and L4	EPO; JPO; DERWENT	OR	ON	2008/01/18 14:34
L6	67	((H04Q).ipcs. or glass-a\$.in. or microsoft\$.as.) and L2 and L4) not L5	EPO; JPO; DERWENT	OR	ON	2008/01/18 14:34
L7	6981428	location or area or place or coordinate or position\$3 or region or zone or kiosk	US-PGPUB; USPAT; USOCR; FPRS; IBM_TDB	OR	ON	2008/01/18 14:34
L8	1876408	(wireless or (wire adj less) or rf or ir or irda or cableless or (cable adj (less or free)) or cordless or untethered or infrared or microwave or radar or (radio adj waves) or (remote adj control) or IRLAP or IRLMP or (infra adj red) or (low\$3 adj frequenc\$3) or (long\$3 adj (wavelength or (wave adj length) )) or uwb or ultrawideband or ("802" adj "11") or "ieee802.11" or "ieee 802.11")	US-PGPUB; USPAT; USOCR; FPRS; IBM_TDB	OR	ON	2008/01/18 14:34

## EAST Search History

L9	367902	(wireless or (wire adj less) or rf or ir or irda or cableless or (cable adj (less or free)) or cordless or untethered or infrared or microwave or radar or (radio adj waves) or (remote adj control) or IRLAP or IRLMP or (infra adj red) or (low3 adj frequenc\$3) or (long adj (wavelength or (wave adj length) )) or uwb or ultrawideband or ("802" adj "11") or "ieee802.11" or "ieee 802.11") near3 (device or node or hardware or apparatus or apparatuses or appliance or machine or component or product or unit or module or peripheral or pda or printer or cellphone or wifi or ((wi or wireless) adj (fi or fidelity)) or bluetooth or scanner or mouse or keyboard or (m adj commerce) or equipment or copier or fax or facsimile or telefacsimile or desktop or (desk adj top) or workstation or pc or (personal adj computer) or laptop or notebook or subnotebook or (work adj station) or ((lap or palm or desk) adj (top or pilot or VII)) or (palm adj pilot) or palmpilot or palmtop or ((portable or tiny or pocket or cell or cellular or cordless or radio or mobile or finger or smart) adj (phone or telephone or pager or terminal or phone or fone)) or newton or razor or blackberry or (black adj (berry or berries)) or blackberries or wap or (blue adj tooth) or mobilephone or cmr or ipod or (portable adj (media or digital adj audio or mp3 or (mp adj "3"))) adj player) or itunes or ((personal or private or portable) near2 (digital or data or information or assistant or organizer or device or access)) or cellularphone or mobilephone or handheld or (hand adj held) or PHS or PCS or smartphone or visor or handspring or hdm1 or Rio or mice)	US-PGPUB; USPAT; USOCR; FPRS; IBM_TDB	OR	ON	2008/01/18 14:34
L10	29724	L7 near3 L9	US-PGPUB; USPAT; USOCR; FPRS; IBM_TDB	OR	ON	2008/01/18 14:34

## EAST Search History

L11	83	( (display\$3 or show\$3 or visual\$3 or render\$3 or view\$4 or exhibit\$3 or present\$3 or perspective or dimension\$2 or angle or orientation or interstitial or map or mapping or mapped) same (virtual or VRML or ("3" or three or muti ) adj (d or dimension dimensional) "muti-dimension" "muti-dimensional") ) near5 L10	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/18 14:34
L12	2733	(display\$3 or show\$3 or visual\$3 or render\$3 or view\$4 or exhibit\$3 or present\$3 or perspective or dimension\$2 or angle or orientation or interstitial or map or mapping or mapped) near5 L10	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/18 14:34
L13	939518	network or hiperlan or lan or wlan	US-PGPUB; USPAT; USOCR; FPRS; IBM_TDB	OR	ON	2008/01/18 14:34
L14	579	L13 same L12	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2008/01/18 14:34
L15	12	L13 same L11	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2008/01/18 14:34
L16	328	((("715" or "455" or "345" or "709"). clas. or glass-a\$.in. or microsoft\$. as.) and L10) and L14	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2008/01/18 14:34
L17	209	L16 and (@ad <="20030828" or @rlad <="20030828")	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2008/01/18 14:34
L18	9443	((("715" or "455" or "345" or "709"). clas. or glass-a\$.in. or microsoft\$. as.) and L10) not L14	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2008/01/18 14:34
L19	12	("5586255"   "5621663"   "5748896"   "5848233"   "5922049"   "6003083"   "6009103"   "6023464"   "6038233"   "6061349"   "6070242"   "6128644").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/18 14:34
L20	43	L6 and (@ad <="20030828" or @rlad <="20030828")	EPO; JPO; DERWENT	OR	ON	2008/01/18 14:34
L21	1	("6324577").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/18 14:34

## EAST Search History

L22	367902	(wireless or (wire adj less) or rf or ir or irda or cableless or (cable adj (less or free)) or cordless or untethered or infrared or microwave or radar or (radio adj waves) or (remote adj control) or IRLAP or IRLMP or (infra adj red) or (low3 adj frequenc\$3) or (long adj (wavelength or (wave adj length) )) or uwb or ultrawideband or ("802" adj "11") or "ieee802.11" or "ieee 802.11") near3 (device or node or hardware or apparatus or apparatuses or appliance or machine or component or product or unit or module or peripheral or pda or printer or cellphone or wifi or ((wi or wireless) adj (fi or fidelity)) or bluetooth or scanner or mouse or keyboard or (m adj commerce) or equipment or copier or fax or facsimile or telefacsimile or desktop or (desk adj top) or workstation or pc or (personal adj computer) or laptop or notebook or subnotebook or (work adj station) or ((lap or palm or desk) adj (top or pilot or VII)) or (palm adj pilot) or palmpilot or palmtop or ((portable or tiny or pocket or cell or cellular or cordless or radio or mobile or finger or smart) adj (phone or telephone or pager or terminal or phone or fone)) or newton or razor or blackberry or (black adj (berry or berries)) or blackberries or wap or (blue adj tooth) or mobilephone or cmr or ipod or (portable adj (media or digital adj audio or mp3 or (mp adj "3"))) adj player) or itunes or ((personal or private or portable) near2 (digital or data or information or assistant or organizer or device or access)) or cellularphone or mobilephone or handheld or (hand adj held) or PHS or PCS or smartphone or visor or handspring or hdml or Rio or mice)	US-PGPUB; USPAT; USOCR; FPRS; IBM_TDB	OR	ON	2008/01/18 14:34
L23	939518	network or hiperlan or lan or wlan	US-PGPUB; USPAT; USOCR; FPRS; IBM_TDB	OR	ON	2008/01/18 14:34

## EAST Search History

L24	7	("5835061"   "5969678"   "5977913"   "6259405"   "6317599"   "6326918"   "6456239").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/18 14:34
L25	27766	"342"/\$.ccls. and (@ad <="20030828" or @rlad <="20030828" )	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/18 14:34
L26	1	("6091956").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/18 14:34
L27	1	("20050030255").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/18 14:34

## EAST Search History

L28	367902	(wireless or (wire adj less) or rf or ir or irda or cableless or (cable adj (less or free)) or cordless or untethered or infrared or microwave or radar or (radio adj waves) or (remote adj control) or IRLAP or IRLMP or (infra adj red) or (low3 adj frequenc\$3) or (long adj (wavelength or (wave adj length) )) or uwb or ultrawideband or ("802" adj "11") or "ieee802.11" or "ieee 802.11") near3 (device or node or hardware or apparatus or apparatuses or appliance or machine or component or product or unit or module or peripheral or pda or printer or cellphone or wifi or ((wi or wireless) adj (fi or fidelity)) or bluetooth or scanner or mouse or keyboard or (m adj commerce) or equipment or copier or fax or facsimile or telefacsimile or desktop or (desk adj top) or workstation or pc or (personal adj computer) or laptop or notebook or subnotebook or (work adj station) or ((lap or palm or desk) adj (top or pilot or VII)) or (palm adj pilot) or palmpilot or palmtop or ((portable or tiny or pocket or cell or cellular or cordless or radio or mobile or finger or smart) adj (phone or telephone or pager or terminal or phone or fone)) or newton or razor or blackberry or (black adj (berry or berries)) or blackberries or wap or (blue adj tooth) or mobilephone or cmr or ipod or (portable adj (media or digital adj audio or mp3 or (mp adj "3"))) adj player) or itunes or ((personal or private or portable) near2 (digital or data or information or assistant or organizer or device or access)) or cellphone or mobilephone or handheld or (hand adj held) or PHS or PCS or smartphone or visor or handspring or hdml or Rio or mice)	US-PGPUB; USPAT; USOCR; FPRS; IBM_TDB	OR	ON	2008/01/18 14:34
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## EAST Search History

L29	367902	(wireless or (wire adj less) or rf or ir or irda or cableless or (cable adj (less or free)) or cordless or untethered or infrared or microwave or radar or (radio adj waves) or (remote adj control) or IRLAP or IRLMP or (infra adj red) or (low3 adj frequenc\$3) or (long adj (wavelength or (wave adj length) )) or uwb or ultrawideband or ("802" adj "11") or "ieee802.11" or "ieee 802.11") near3 (device or node or hardware or apparatus or apparatuses or appliance or machine or component or product or unit or module or peripheral or pda or printer or cellphone or wifi or ((wi or wireless) adj (fi or fidelity)) or bluetooth or scanner or mouse or keyboard or (m adj commerce) or equipment or copier or fax or facsimile or telefacsimile or desktop or (desk adj top) or workstation or pc or (personal adj computer) or laptop or notebook or subnotebook or (work adj station) or ((lap or palm or desk) adj (top or pilot or VII)) or (palm adj pilot) or palmpilot or palmtop or ((portable or tiny or pocket or cell or cellular or cordless or radio or mobile or finger or smart) adj (phone or telephone or pager or terminal or phone or fone)) or newton or razor or blackberry or (black adj (berry or berries)) or blackberries or wap or (blue adj tooth) or mobilephone or cmr or ipod or (portable adj (media or digital adj audio or mp3 or (mp adj "3"))) adj player) or itunes or ((personal or private or portable) near2 (digital or data or information or assistant or organizer or device or access)) or cellularphone or mobilephone or handheld or (hand adj held) or PHS or PCS or smartphone or visor or handspring or hdml or Rio or mice)	US-PGPUB; USPAT; USOCR; FPRS; IBM_TDB	OR	ON	2008/01/18 14:34
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## EAST Search History

L30	367902	(wireless or (wire adj less) or rf or ir or irda or cableless or (cable adj (less or free)) or cordless or untethered or infrared or microwave or radar or (radio adj waves) or (remote adj control) or IRLAP or IRLMP or (infra adj red) or (low3 adj frequenc\$3) or (long adj (wavelength or (wave adj length) )) or uwb or ultrawideband or ("802" adj "11") or "ieee802.11" or "ieee 802.11") near3 (device or node or hardware or apparatus or apparatuses or appliance or machine or component or product or unit or module or peripheral or pda or printer or cellphone or wifi or ((wi or wireless) adj (fi or fidelity)) or bluetooth or scanner or mouse or keyboard or (m adj commerce) or equipment or copier or fax or facsimile or telefacsimile or desktop or (desk adj top) or workstation or pc or (personal adj computer) or laptop or notebook or subnotebook or (work adj station) or ((lap or palm or desk) adj (top or pilot or VII)) or (palm adj pilot) or palmpilot or palmtop or ((portable or tiny or pocket or cell or cellular or cordless or radio or mobile or finger or smart) adj (phone or telephone or pager or terminal or phone or fone)) or newton or razor or blackberry or (black adj (berry or berries)) or blackberries or wap or (blue adj tooth) or mobilephone or cmr or ipod or (portable adj (media or digital adj audio or mp3 or (mp adj "3"))) adj player) or itunes or ((personal or private or portable) near2 (digital or data or information or assistant or organizer or device or access)) or cellularphone or mobilephone or handheld or (hand adj held) or PHS or PCS or smartphone or visor or handspring or hdm1 or Rio or mice)	US-PGPUB; USPAT; USOCR; FPRS; IBM_TDB	OR	ON	2008/01/18 14:34
L31	21	(proximity adj2 sensor) and (relative with (portable adj (device termmlal computer)) )	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/18 14:34

## EAST Search History

L32	10	L31 and (@ad <="20030828" or @rlad <= "20030828")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/18 14:34
L33	1	("20070075965").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/18 14:34
L34	3	detect\$4 adj location with (object\$1 wireless adj device) same (relative with (portable wireless) adj device)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/18 14:34
L35	5	detect\$4 adj location same (object\$1 wireless adj device) same (relative same (portable wireless) adj device)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/18 14:34
L36	1	detect\$4 adj (component) same (object\$1 wireless adj device) same (relative same (portable wireless) adj device)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/18 14:34
L37	61	detect\$4 with (object\$1 wireless adj device) same (relative same (portable wireless) adj device)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/18 14:34
L38	36	L37 and (@ad <="20030828" or @rlad <= "20030828")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/18 14:34
L39	5	("2003/0143992").URPN.	USPAT	OR	ON	2008/01/18 14:34
L40	1	("7024497").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/18 14:34
L41	11	("20030069874"   "20030177170"   "5721880"   "5991813"   "6374308"   "6463459"   "6560641"   "6615166"   "6675193"   "6691154"   "6732067").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/18 14:34

## EAST Search History

L42	327	(detect\$4 with wireless adj device) and (relative with (portable adj (devive termmlal computer)) )	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/18 14:34
L43	10	(detect\$4 with wireless adj device) and (relative with (portable adj (devive termmlal computer)) ) and p2p	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/18 14:34
L44	0	(detect\$4 with wireless adj device) same (relative with (portable adj (devive termmlal computer)) )	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/18 14:34
L45	3	(detect\$4 with wireless adj device) same (relative with (portable adj (device termmlal computer)) )	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/18 14:34
L46	1751	detect\$4 adj location with (object\$1 wireless adj device)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/18 14:34
L47	40	(bluetooth with proximity) and p2p	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/18 14:34
L48	15	L47 and (@ad <="20030828" or @rlad <= "20030828")	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2008/01/18 14:34
L49	317	(bluetooth same proximity same detect\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/18 14:34

## EAST Search History

L50	50	(bluetooth with proximity with detect\$4) and (@ad <="20030828" or @rlad <= "20030828")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/18 14:34
L51	1	("7139557").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/18 14:34

## EAST Search History

L52	367902	(wireless or (wire adj less) or rf or ir or irda or cableless or (cable adj (less or free)) or cordless or untethered or infrared or microwave or radar or (radio adj waves) or (remote adj control) or IRLAP or IRLMP or (infra adj red) or (low3 adj frequenc\$3) or (long adj (wavelength or (wave adj length) )) or uwb or ultrawideband or ("802" adj "11") or "ieee802.11" or "ieee 802.11") near3 (device or node or hardware or apparatus or apparatuses or appliance or machine or component or product or unit or module or peripheral or pda or printer or cellphone or wifi or ((wi or wireless) adj (fi or fidelity)) or bluetooth or scanner or mouse or keyboard or (m adj commerce) or equipment or copier or fax or facsimile or telefacsimile or desktop or (desk adj top) or workstation or pc or (personal adj computer) or laptop or notebook or subnotebook or (work adj station) or ((lap or palm or desk) adj (top or pilot or VII)) or (palm adj pilot) or palmpilot or palmtop or ((portable or tiny or pocket or cell or cellular or cordless or radio or mobile or finger or smart) adj (phone or telephone or pager or terminal or phone or fone)) or newton or razor or blackberry or (black adj (berry or berries)) or blackberries or wap or (blue adj tooth) or mobilephone or cmr or ipod or (portable adj (media or digital adj audio or mp3 or (mp adj "3"))) adj player) or itunes or ((personal or private or portable) near2 (digital or data or information or assistant or organizer or device or access)) or cellphone or mobilephone or handheld or (hand adj held) or PHS or PCS or smartphone or visor or handspring or hdm1 or Rio or mice)	US-PGPUB; USPAT; USOCR; FPRS; IBM_TDB	OR	ON	2008/01/18 14:34
L53	1	("6674403").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/18 14:34
L54	6	("20060068760" "7054616" "7130584" "7155163" "7174130" "7215649").PN.	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2008/01/18 14:54

## EAST Search History

L55	13	("20060068760" "7054616" "7130584" "7155163" "7174130" "7215649").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/18 15:35
L56	2	55 and extend	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/18 15:35
L57	15	(US-20060022796-\$ or US-20040009769-\$ or US-20050020275-\$ or US-20040210654-\$ or US-20030195723-\$ or US-20030143992-\$).did. or (US-7216109-\$ or US-6324577-\$ or US-7139557-\$ or US-6674403-\$ or US-6317599-\$ or US-6922187-\$ or US-6661335-\$ or US-6653990-\$ or US-6504526-\$).did.	US-PGPUB; USPAT	OR	ON	2008/01/18 15:38
L58	4	57 and extend	US-PGPUB; USPAT	OR	ON	2008/01/18 15:36
L59	13	57 and range	US-PGPUB; USPAT	OR	ON	2008/01/18 16:26
L60	2	10/883123	US-PGPUB; USPAT	OR	ON	2008/01/18 17:51
L61	2	detect with wireless with device and (auto dynamic\$3 automatic\$4) with (increase raise extend) with range with sens\$4	US-PGPUB; USPAT	OR	ON	2008/01/18 17:53
L62	14	detect with wireless with device and (auto dynamic\$3 automatic\$4) with (increase raise extend) with range	US-PGPUB; USPAT	OR	ON	2008/01/18 18:02
L63	17	detect with wireless with device and (auto dynamic\$3 automatic\$4) with (increas\$3 raise extend) with range	US-PGPUB; USPAT	OR	ON	2008/01/18 18:02
L64	18	detect with wireless with device and (auto dynamic\$3 automatic\$4) with (increas\$3 rais\$3 exten\$3) with range	US-PGPUB; USPAT	OR	ON	2008/01/18 18:02
L65	4	64 not 62	US-PGPUB; USPAT	OR	ON	2008/01/18 18:03
L66	0	"5678.198"	US-PGPUB; USPAT	OR	ON	2008/01/18 18:04

## EAST Search History

L67	1	"5678198".pn.	US-PGPUB; USPAT	OR	ON	2008/01/18 18:13
L68	2	detect\$3 adj wireless adj device and extend\$3 adj range	US-PGPUB; USPAT	OR	ON	2008/01/18 18:13